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Wendy A. Frick

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Galloway, et al.

Serial No.: 09/747,521

For: **METHODS FOR PROTECTION
AGAINST LETHAL INFECTION WITH)
BACILLUS ANTHRACIS**

Examiner: Shanan-Shah Khatol S.

Attorney Docket No.: 22727/04079

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

AMENDMENT

The following is in response to the office action mailed July 12, 2002. Please amend the above-described divisional application as follows:

IN THE SPECIFICATION:

Page 3, paragraph beginning on line 12

The present invention provides methods of inducing an immune response which protects an animal subject from lethal infection with *Bacillus anthracis* (*B. anthracis*). One method comprises administering an effective amount of wild-type, or preferably a mutated form of *B. anthracis* lethal factor (LF), or an immunogenic fragment thereof to the subject. In one embodiment the mature, wild-type LF protein comprises the amino acid sequence shown in Figure 1B, i.e., amino acid 34 through amino acid 809 of SEQ ID NO. 2. In one embodiment the LF fragment comprises amino acid 9 through amino acid 252 of the sequence shown in Figure 1B, i.e., amino acid 42 through amino acid 285 of SEQ ID NO. 2. A second method comprises